

33

Logical Elements of Transistors and Tape-Wound
Cores, by Ye. F. Berezin, V. G. Mikhailov, et al,
88 pp.

RUSSIAN, pamphlet, Logicheskiye Elementy na Po-
luprovodnikovykh Triodakh i Sushchestvennye
Parnostnyye Litsy, Moscow, 1963, pp 1-103.
JPRS 26426

2-1 - M & DP
Rep 64

267ms652

Trip Through Half of the World-Soviet Aircraft
Took Off for the Antarctic, by Yu. Berezhnov,
7 pp.

RUSSIAN, np, Komsomolskaya Pravda, Dec 16,
1961, p 1, cols 4-6. 9677205

FTD-TT-62-407

Sci - Aero
18 Jun 62

201, 146

The Nature of Ageing of Aluminum Alloys, by V. M.
Bereznyani.

RUSSIANmono, O Prirode Starenia Splavov Alumina,
1962.

*IPST

Sci
Jul 63

Nine Papers on Topology, Lie Groups,
and Differential Equations,
by Aleksandrov, Serresin.
RUSSIAN, bk, Vol 21, 1962, 416 pp.
Amer. Math. Soc. LC No. 51-5559

Serresin

Sci-Math
June 66

303,345

(NY-2800/9).

Potential for Reducing Cement Consumption by
Precast Reinforced Concrete Elements Enterprises,
by A. Meresin, V. Pokrovskiy, 6 pp.

RUSSIAN, per, Ekos Stroitel, No 10, 1959, pp 41-^T42

JPRS 2334

USER
Ekos - Construction
Mar 60

111,061

Spectroscopic Investigations with "Alpha."
II. Time Variation of Plasma Emission, by
A. N. Zaidel', G. M. Malyshev, A. B. Barezin,
10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 12,
1960, pp 1437-1446.

AIP
Sov Phys-Tech Phys
Vol V, No 12 -

Sci

Jun 61

164,644

TRI-62-43

Spectral Investigations of Plasma in the "Alpha" Device,
by A. E. Berezin, A. M. Zaidel, et al.

RUSSIAN, rpt, Spektral'nye Issledovaniya na
Ustremovke "Al'fa",

*JPRS for AEC

Sci

Oct 61

The Interaction of High-Current Pulse Beams With Plasma in a
Magnetic Field, by A. K. Buzik, G. P. Borovina, 7 pp.
RUSSIAN, per, Atom Energiya, Vol XIV, No 3, 1963, pp 240-242.

CB

Sci
Mar 64

250,970

TRANSMISSION OF INTENSE PULSED ELECTRON BEAMS
THROUGH DIELECTRIC TUBES, BY

A. K. BEREZIN , V. G. STUPAK, 5 PP.

RUSSIAN, PER, ZHUR TEKH FIZ, VOL XXXII, NO 5,
1962, PP 593-599.

AMER INST OF PHYS
SOV PHYS - TECH PHYS
VOL VII, NO 5

SCI
FEB 63

221,604

TRANSMISSION OF INTENSE PULSED ELECTRON
BEAMS THROUGH DIELECTRIC TUBES . II.
BY A. K. BEREZIN, V. G. STUPAK, 5 PP.

RUSSIAN, PER, ZHUR TEKH FIZ, VOL XXXII, NO 5,
1962, PP 600-605.

AMER INST OF PHYS
SOV PHYS - TECH PHYS
VOL VII, NO 5

SCI FEB 63

221, 605

The Interaction of Intense Electron Beams
With Plasma, by A. K. Berezin, Ya. B. Fayn-
berg, 11 pp.

RUSSIAN, per, Atom Energ, Vol XI, No 6,
1961, pp 493-497. 9676536

FTD-TT-62-314

Sci - Phys, Nuc/Phys

3 May 62

194, 112

Experimental Investigation of the Efficiency of a Helium
Waveguide, G. A. Silenok, A. K. Borozin, P. M.
Kardits and A. M. Sekrashevich, 7 pp.

64.
RUSSIAN, Zhur Tekh Fiz, Vol XXIV, No 8, 1959,
pp 946-953.

Ames Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 3

Sci

Feb 60

108,956

Determination of the Dispersion Relation for
Waveguides With Helices, by A. K. Zvezdin,
P. M. Leydlits, A. M. Nekrashevich, and G. A.
Silenok, 10 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIX, No 7
1959, pp 803-816

Amer Inst of Phys
Sov Phys-Tech Phys
Vol IV, No 7

107 304

Sci
Feb 60

Forming a Professional Staff, by B. A. Berezin,
S. V. Gorchikov, 12 pp.

RUSSIAN, bkr, Razvitiye Tekhniki na Leningradskom
Metallicheskoy Zavode imeni Stalina, 1957, pp 292-297.

OTS 60-51160
PL-480

Sci - Eng

155,392

Jan 61

PST 152

The Solubility of Phthalocyanines in Chlorosulfonic
Acid and Oleum, by B. D. Berezin, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXVI, No 6,
1963, pp 1181-1185.

CB

Sci-
Aug 64

264, 878

Stability of Metal Phthalocyanines in Solution, by
B. D. Berezin, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 12, 1961,
pp 2672-2679.

Cleaver-Hume Press Ltd

Sci

Oct 62

213,934

Metal Phthalocyanines in Solution. V. Stability of
Free Phthalocyanine in Sulphuric Acid Solutions, by
B. D. Berezin, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, No 11, 1961, pp 2494-
2500.

Cleaver-Hume Press

Sci

213,704

Aug 62

MTHEOFS FOR STUDYING THE STABILITY OF PHTH-
ALOCYANINE COMPLEX COMPOUNDS, BY B. D. BEREZIN,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 353-356.

CB

SCI

AUG 62

205,808

Phloroglucine as an Indicator in Mercurimetry, by
B. D. Berezin, L. G. Pogodina, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 12, 1960;
pp 1347-1351.

ISA

165,629

Sci
Aug 61

Technology of the Most Important Branches of
Industry; Part 2: Machine-Design, by
B. P. Berezin, A. A. Mosyak, et al, 75 pp.

RUSSIAN, bk, Tekhnologiya Vazhmeyshikh
Otnasley Promyshlennosti, Chast' II
Mashinostroyeniye, 1959, pp 125-178.
9570562

FTD-MEL-806/1

164,366

Sci - Engr

Aug 61

The Reduction of Water Level Marks to "Low Water"
Level, by D. P. Berezin, 4 pp.

RUSSIAN, per, Geodez i Kartog, No 9, 1960,
pp 41-46.

AGU

Sci

Jul 62

206,713

Some Problems in the Representation of Drainage and
Hydro-Engineering Structures on Topographic Maps (In
the Nature of a Discussion), by D. P. Berezin, 3 pp.

6

RUSSIAN, per, Geodes i Kartog, No 8, 1961, pp 33-37.

AGU

Sci

Jun 62

198,656

R-50/60

(NY-3192).

Memograms for the Determination of Corrections for
the Amplitude, Temperature, Depth of Immersion,
Corrections for the Etvois Effect, and for the
Determination of the Coefficient of Joint Rocking
in the Case of Pendulum Observations at Sea, by
S. M. Herexin, V. A. Kuzivanov, 9 pp.

RUSSIAN, per, Trudy Inst Fiz Zemli, No 8(175),
1959, pp 72-79.

JPRS L-1137-N

Sci - Geophysics - Gravimetry
Apr 60

11/893

Symplectic Formula for the Schrodinger Many-Particle
Equation, by F. A. Berezin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Physics Sections,
Vol CIVII, No 4-6, Aug 1964, pp 1069-1072.

Amer Inst of Phys
Sov Phys-Doklady
Vol IX, No 8

Sci

Mar 65

276,522

Laplace Operators on Semisimple Lie Groups,
by F. A. Berezin.

RUSSIAN, per, Trudy Moskov Matemat Obshch,
Vol VI, 1957, pp 371-463.

Amer Math Soc

Sci-Math

Sep 63

344,227

Some Remarks on the Theory of Spherical Functions
on Symmetrical Riemannian Manifolds, by
F. A. Herzin, I. M. Gol'fand.

RUSSIAN, per, Trudy Moskov Matemat Obshch,
Vol V, 1956, pp 311-351.

Amer Math Soc

Sci-Math

Sep 63

344, 226

On the Thirring Model, by, F. A. Berezin,
~~pp. 885-894~~ 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL,
No 3, 1961, pp. 885-894.

AIP
Sov Phys - JETP
Vol XIII, No 3

165, 592

Sci

Sept 61

Canonical Operator Transformations in Representation
of Secondary Quantization, by F. A. Berezin, 4 pp.

^C
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII,
Nos 1-3, 1961, pp 311-314.

AIP
Soviet Physics
Vol VI, No 3

Sci

Sep 61

169,318

The Laplacian Operators on Semisimple Lie Groups
and on Some Symmetric Spaces, by F.A. Berezin,
4pp

RUSSIAN, per, Uspekhi Mat Nauk (N.S.), Vol XII,
No 1(73), 1957.

AMS

Sci - Math
Jul 61
CIA/FDD X-4669

160, 246

Group Representations, by F.A. Berezin, I.M.
Gel'fand, I.M. Grayev, et al.

RUSSIAN, per, Uspekhi Mat Nauk (n.S.), Vol XI,
No 6(72), 1956, pp 3-12.

AMS

Sci - Math

Jul 61.

CIA/FID X-4669

160, 244

Heat of Adsorption of Benzene vapor on Carbon
Blacks. Thermodynamics of the Process and the
Adsorption Forces, by M. N. Avgul, G. I. Bere-
zin, A. V. Kiselev, I. A. Lygina, 8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1956, pp 1304-1311.

Consultants Bureau

Sci - Chem

Jun 58

65,469

The Heat Capacity of the Silica Gel - Water
Adsorption System, by G. I. Berezin, A. V.
Kiselev, V. A. Sinitsyn, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 638-641.

CB

Sci

Jul 61

167,397

Adsorption and Heat of Adsorption of n-Pentane and
n-Hexane on Barium Sulfate, by N. N. Avgul,
G. I. Barenia, et al, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, 1960, pp 1948-1954.

CB

Sci
May 62

192,874

An Electrothermal Bridge Method for the Precise Measurement of Heat Capacities, by G. I. Berezin, A.V. Kiselev, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, No 2, 1962, pp 401-404.

Cleaver-Hume Press Ltd.

Sci

Nov 62

216,403

Heats of Adsorption of Toluene and Various Isoparaffins and Naphthenes on Graphitized Carbon Black, by M. M. Avgul', G. I. Berezin, A. V. Kiselev, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1959, pp 787-796.

CB

Sci -
May 61

153, 243

The Adsorption and Heat of Adsorption of Normal
Alcohols on Graphitized Carbon Black, by
N. N. Avgul', G. I. Berezin, 8 pp.

RUSSIAN, per, in Ak Nauk SSSR, Otdel
Khim Nauk, No 2, 1961, pp 207-213.

CB

Sci

Jun 62

198,796

Determination of Sulfur-Chlorine, and Fluorine
in Beryllium Oxide by a Spectrographic Method,
by I. A. Beresin, K. V. Aleksandrovich, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI,
No 5, 1961, pp 613-616.

CB

Bd1

Jul 62

202,652

Determination of Sulfur in Cokes and Coals by the
Spectrographic Method, by J.A. Borezin, K.V.
Aleksandrovich, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 12, 1959,
pp 1480-1481.

Instruc Soc of Amer

135,404

Sci
Jan 61

61-10189	
Berezin, I. S. THE DEPARTMENT OF COMPUTER MATHEMATICS AT MOSCOW STATE UNIVERSITY. [1959] 10p. Order from LC or SLA mi\$1.00, ph\$1.80 61-10189 Trans. of Uspekhi Matematicheskikh Nauk (USSR) 1957, v. 12, no. 3[75] p. 255-261. Information is surveyed on the educational program, the preparation of post-graduate students, and scientific work in the department and in the computing center. 141, 135 (Mathematics--Computing Devices, TT, v. 5, no. 2)	1. Mathematical computers-- USSR 2. Mathematics--Study and tracking 1. Berezin, I. S. Office of Technical Services

On Cauchy's Problem for Linear Equations of the
Second Order With Initial Conditions on a Parabolic
Line, by I. S. Berezin. UNCLASSIFIED

Full translation.

RUSSIAN, per, Matemat Sbor, No ²⁴ XL, 1949, pp 301-320.

Amer Mathem Soc Tr No 67

Sci Mu Lib No 52/0984

AEC Tr 1144

~~BOOK~~ (Sci Tr Center RT-
558)

Also Avail at Brookhaven
Mt Lab.

15,809
Scientific - Math

Kinetic Isotope Effects of Fission in the Liquid-Phase
Reaction of Hydrocarbons With Free Methyl Radicals,
by V. L. Antonovskiy, I. V. Berezin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 4, 1960, pp 860-863.

CB

Sci

May 61

153,009

Kinetics and Chemistry of Liquid-Phase Oxidation
of Cyclohexane With Atmospheric Oxygen Under
Pressure, by I. V. Dorozin.

RUSSIAN, per, Vopr Khim Khimiki Katalisa i
Rektsionnoi Spetsialnoi Akad Nauk SSSR Otdel
Khim Khim, 1955, no 273-291.
RIS-4753

I. V. Dorozin

Sci
Doc 68

368,689

A Method for the Quantitative Determination of
Cyclohexanone and Cyclohexanol in the Oxidation
Products of Cyclohexane by Infrared Absorption
Spectra, by I. V. Berezin.
RUSSIAN, per, Zh Fiz Khim, Vol 32, No 6,
1958, pp 1218-1225.
AKS-4751

J. W. Kuegel

Sci
Dwc 60

368,687

Principal Products of the Liquid-Phase Oxidation
of Cyclohexene With Atmospheric Oxygen and Their
Role in Processes of Phase Formation, by
E. V. Dorozin, E. F. Denisov.
RUSSIAN, per, High Acad Acad USSR, Vol 97,
No 2, 1993, pp 273-275.
AKU-1993

E. V. Dorozin

Oct
Dec 68

368,690

Kinetics and Chemistry of Liquid
Phase Oxidation of Cyclohexane with Oxygen, by
L. V. Berezin, E. T. Denisov.
RUSSIAN, mono, Voprosy Khimicheskoi
Kinetiki Kataliza i Reaktsionnoi Sposobnosti
1955, pp 273-291.
SLA TT 64-16332

L. V. Berezin

May 67 325,047

Infrared Spectra of Cyclohexane-1,3-Dione
Derivatives in the Region of $1750-1550\text{ cm}^{-1}$,
by S. N. Ananchenko, I. V. Berezin, I. V. Torgov,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1960, pp 1644-1648.

CB

172, 209

Sci

Oct 61

The Comparative Reactivities of the C-H and C-T Bonds in n-Heptane, Benzene, Toluene, Ethyl Benzene, and Cyclohexane in Liquid Phase Reactions With CH_3 Radicals, The Effect of a Phenyl Group and Aromatic Medium, by V. L. Antonovskiy, I. V. Berezin, L. V. Shoval'kova, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXIV, No 3, 1960, pp 621-624.

Sci

02

152,999

May 61

60-16892

Berezin, I. V., Kazanakaya, N. K., and Privalov, V. F.
MECHANISM OF DEGENERATED BRANCHINGS AT
THE LIQUID PHASE OXIDATION OF CYCLOHEX-
ANE IN A STEEL VESSEL. [1960] 3p. 10 refs.
Order from OTS or SLA \$1.10 60-16892

Trans. of Akademiya Nauk SSSR. Doklady, 1959,
v. 126 [no. 4] p. 809-812.
Also available from CB

DESCRIPTORS: *Cyclohexanes, *Cyclohexanones,
*Oxidation, Chain reactions.

In order to clarify whether the radical decomposition
of the hydroperoxide itself is the cause of the acceler-
ation of cyclohexane oxidation by the addition of cyclo-
hexanone formation, tagged atoms were used in study-
ing cyclohexanone oxidation during cyclohexane oxida-
tion. Results indicated an accelerating effect of
cyclohexanone.
(Chemistry--Organic, TT, v. 6, no. 1)

I. Berezin, I. V.
II. Kazanakaya, N. K.
III. Privalov, V. F.

Office of Technical Services

Mechanism of ⁴Structure of the C - C Bond in the Liquid-
Phase Oxidation of α -Heptane by Molecular Oxygen,
by I. V. Berezin, B. I. Makalets, 7 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 10,
1959, pp 2351-2357.

Cleaver-Hume Press

Sci
Aug 60

122, 298

The Use of Tritium in the Determination of the Relative Velocity Constants for the Rate of Cleavage of Hydrogen Atoms in Organic Compounds. The Reactivity of the Carbon-Hydrogen Bonds in N-Heptane, by V. L. Antonovskiy I. V. Merzlin, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, No 6, 1960, pp 1286-1293.

Cleaver-Hume Press

Sci

Apr 61

144,490

Oxidation of a Mixture of Cyclohexane and
Cyclohexanol to Adipic Acid, by I. V. Berezin,
E. T. Denisov, E. N. Suvorova, Z. S. Smolyan,
N. M. Emanuel, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXIII, No 6,
1959, pp 888-892.

Consultants Bureau

Sci

Jan 60

117,879

Study of the Transformation Sequence of the
Principal Intermediate Products of the Liquid-
Phase Oxidation of Cyclohexane by the Method
of Labeled Atoms, by I. V. Berezin, L. S. Vartanyan,
B. D. Dzantsev, N. P. Kazanskaya, N. M. Emanuel,
13 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXI, 1957,
pp 340-349.

ATS 96J17 R

Sci - Chem, Nuclear Phys

129,778

Oct 60

Sequence in the Formation of Products During Liquid-Phase Oxidation of Cyclohexane in a Steel Vessel, by I. V. Beresin, N. F. Kazanskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1, 1959, pp 594-597.

ATS RJ-1914

ATS-836341

Sci - Chem
Dec 59

104,090

Determination of Ketones, Esters, and Acids
in the Products Obtained by Liquid Phase
Oxidation of Paraffin Hydrocarbons, on the
Basis of Their Absorption Spectra in the
Infrared, by I. V. Berezin, G. E. Meluzova,
10 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 4,
1958, pp 476-484.

Consultants Bureau

Sci - Chem

Jun 59

88,343

Oxidation of Paraffin, Initiated by Chlorine
at the First Reaction Stage, by I. V. Beresin,
G. Vagner, N. M. Emanuel', 6 p.

RUSSIAN, per, Zhur Prih Khim, Vol XXXII, No 1.
1959, pp 173-179.

CB

Sci

Feb 60

106,986

A Cell For Quantitative Infrared Spectral Analysis,
and an Apparatus for Measuring the Thickness and the
Wedge of Cells, by I. V. Berezin, G. B. Meluzova,
3 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol 1, No 4,
1955, pp 262. CIA C 41023

Consultants Bureau

Scientific - Chemistry
Mar 56 CTB/dex

32,172

Berezin, I. V. and Ragimova, A. M.
INTERMEDIATE REACTIONS OF KETONES IN
LIQUID-PHASE OXIDATION OF OCTADECANE.
[1960] 4p.

Order from ATS \$3.00

ATS-12M45R

Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR,
[Baku]. Doklady, 1960, v. 16, no. 1, p. 19-22.

(Chemistry--Organic, TT, v. 5, no. 6)

61-12322

1. Ketones--Chemical reactions
2. Hydrocarbons--Oxidation

I. Berezin, I. V.

II. Ragimova, A. M.

III. ATS-12M45R

IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS-RJ-2912

Office of Technical Services

The Mechanism of Degenerate Branching in the Vapor-Phase Oxidation of Cyclohexane in a Steel Vessel,
by I. V. Berezin, M. F. Kazanskaya, V. F. Privalov,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No ⁴1-6,
1959, pp 809-812.

CB

Sci
Aug 60

124, 206

Reactivity of Toluene Towards Methyl Radicals, by
I. V. Berezin, N. F. Kazanskaya, 4 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 9,
1961, pp 2039-2046.

Cleaver-Hume Press Ltd

Sci

205,499

Jul 62

5

The Effect of Diffusion on the Distribution of
a Zero-Order Reaction Product Along the Length
of a Continuous Cylindrical Reactor, by
I. V. Derezin, S. A. Smolyak, 8 pp.
RUSSIAN, Ser, Kinetika i Kataliz, Vol IV, No 3,
1963, pp 467-474.
CB

Sci

Aug 54

265,445

The Mechanism of Ester Formation and the Reactions
of Acids in Processes of Liquid-Phase Oxidation
of Hydrocarbons, by I. V. Berezin, A. M. Ragimova,
M. M. Emanuel, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1959, pp 1733-1739.

CB

Sci

157,971

Jun 61

(MI-2800)

An Improved Cellular Concrete, by
M. Berazin, 4 pp.

RUSSIAN, np, Ekos Gazeta, 29 Jan 1962,
p 26.

JPRS 13404

190,930

USSR
Econ
Apr 62

Self-Simulating Motion of a Gas with Plane Waves in MHD
Magnetohydrodynamics, by O. A. Berezin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 2,
1960, pp 296-298.

AIP
Sov Phys-Doklady
Vol V, No 4

Sol

Mar 61

141, 670

(DC-655A)
8

Development ^{*}in the Facilities of the Atom-Powered
Icebreaker "Lenin", by P. P. Berezin, 24 pp.

RUSSIAN, per, Sudostroyeniye, No 8, 1961,
pp 34-38.

JPRS 12183

Sci - Nuc Phys
Feb 62

182,373

HOW TO IMPROVE THE PRODUCTION NORMS IN THE CON-
SUMPTION OF BUILDING MATERIALS, BY S. BEREZIN, 8 PP.

RUSSIAN, PER, ECON STROITEL, NO 5, 1963, PP 19-24.

JPRS 20938

USSR
ECON
AUG 63

236,625

Experimental Determination of Parameters of
Elements of Automatic Control Systems, by S. Ya.
Berezin, 5 pp.

RUSSIAN, per, Elektrichestvo, No 4, 1958, pp 66-69.

FP

Sci

Feb 61

139,032

Cosmic Trips, by V. Barenin, 8 pp.

RUSSIAN, per, Yuryy Tekhnik, Vol V, No 5,
1961, pp 8-13. 9675785

FID-TP-62-41

Sci - Space/Res

19 Mar 62

188, 270

CONTINUOUS METHODS OF MANUFACTURING SYNTHETIC
MINERAL PIGMENTS, BY V. A. BEREZIN, 8 PP.

RUSSIAN, PER, SVETL. TERN-EKON INFORMATSII, NO 10,
1968, PP 9-13.

JPRS 22370

USSR
EKON
DEC 68

24,312

Vibrational Spectra and Aromaticity of Six-Membered AZA Rings, by V. I. Berezin, 3 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Physical Chemistry, Vol CLV, No 3, 1964, Mar, Apr pp 2629-631.

CB

Scl
May 65

Vibrational Spectra of Aromatic Compounds X.
Calculation and Interpretation of the Vibrational
Spectra of Pyridine and the Deuteriopyridines.
Nonplanar Vibrations,
by M. A. Kovner, Yu. S. Korostelev, V. I. Berezin,
5 PP.

RUSSIAN, per, Optika i Spektro, Vol X, No 4, 1961,
pp 457-465.

OSA

164,201

Sci

Aug 61

Computing the Vertical Distribution of Atmospheric
Ozone, by V. M. Bessunov, Yu. A. Shafin.
RUSSIAN, par, *Ozonsopredelaniya i Astronomiya*, Vol IV,
No 1, 1964, pp 131-136.
NASA TT F-6913

Sci-Ear Sci & Astron
Jul 64
U.S. GOVERNMENT ONLY

262,875

**Flows in Atmospheric Pressure Fields Using Equations
of Hydrodynamics, by V. M. Berezin, 0 pp.**

**RUSSIAN, per. Vestnik Akad. Nauk i Astron. No 3,
pp 28-33.**

JPRS 22616

**Sci-Math
Jan 64**

244, 536

Spatial Distribution of γ -rays and Moderated
Neutrons in the Graphite Column of the RFT
Reactor, by V.S. Beregin, L.V. Groshev, V.S.
Dikarev, M.B. Eglazarov, E.N. Korolev, V.G.
Madelov, Yu. G. Nikolaev, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol. II, No 2,
1957, pp. 118-122.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,005

On the Question of Hosts of Immature Stages
of *Hyalomma Pluribeum* Paniz - the Vector of
Hemorrhagic Fever in Astrakhan Oblast. (Abstracts
of Papers of the 11th Scientific Conference
of the Institute of Poliomyelitis and
Encephalitis), by V. V. Berezin.
RUSSIAN, rpt, IN Tick-borne Encephalitis,
Kemerovo Tick-borne Fever, Hemorrhagic
Fever, and Other Arbovirus Infections,
Moscow, 1964, pp 77-78.
RBM NHH 2-29-66 (On Loan)
CPSTI AD-666 166

Scl/BQM
Apr 66

298,452

Characteristic Oscillations of a Plasma Ellipsoid in
a Constant Magnetic Field, by Yu. A. Berezin, 5pp

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIII, No 7, 1963,
pp 702-704.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VIII, No 7

245,903

Sci
Jen 64

S-454/60

(NY-4271)

On the "Resolving Capacity" of Systems Measuring
the Horizontal Dimensions of Ionospheric
Heterogeneities, by V. D. Gusev, S. F. Mirkotan,
Yu. V. Berezin, M. P. Kiyanovskiy, 18 pp.

RUSSIAN, per, Vest Mosk U, Ser Matemat, Mekh
Astron, Fiz, Khim, No 4, 1959, pp 105-115.

JPRS 5187

Sci - Geophys
Aug 60

122,885

S-5039

(DC-2796).

The Structure and Motions of Large-Scale
Inhomogeneities in the F_2 Layer of the
Ionosphere, by V. D. Gusev, L. A. Drachev,
S. F. Mirkotan, Yu. V. Berezin, M. P. ^t
Kiyasovskiy, M. V. Vinogradova, T. A. Gaylić,
5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol
CCCLII, No 5, Dec 1958, Moscow, pp 817-820.

JPRS-L-1700-D

Sci - Physics, Geophysics Navy 2168-T122
~~274153~~ June 59 88,903

Results of an Investigation of the Parameters of
large-scale Irregularities in the Ionosphere by
the Phase Method, by V. D. Gusev, S. P. Mirkotan,
L. A. Drachev, Yu. V. Berezin, M. P. Kiyanovskiy,
17 pp.

RUSSIAN, in, Rezul'taty Issledovaniya Parametrov
Krupnomashtabnykh Neodnorodnostei Ionosfery
Fazovym Metodam.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Physics

115,822

May 60

(DC-6595)

Equipment for Ionospheric Investigations EX
on Three Frequencies, by EX Yu. V. Berezin,
11 pp.

RUSSIAN, per, Geomagnetizm i Aeronomiya,
Vol I, No 4, Jul-Aug 1961, pp 606-611.

JPRS 13276

Sci - Geophys
Apr 62

190,849

The Effects of Ionizing Radiations on the Peroxidase Activity in Corn Sprouts After Irradiation Prior to Planting, by M. M. Rozentse, V. A. Yanykova, 6 pp. RUSSIAN, per, Radiotekhnika, Vol III, No 2, 1963, pp 177-180. 9219848

AEC-Tr-5485

**Sci
Mar 64**

233,662

Synthesis of Some Bifunctional Compounds Containing
Sulfidic Sulfur, by V. I. Lutkova, E. B. Berezina,
2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1265, 6

Consultants Bureau

Sci - Chem

Jul 59

93, 291

A Chemotherapeutic Study of Nystatin in
Experimental Candidomycosis in White Mice,
by A. I. Semich, E. K. Berezina,
E. V. Sokolova, 4 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4,
1959, pp 71-74.

CB

164,408

Sci

Aug 61

The Effect on the Animal Body of Molybdenum Admixed in Streptomycin, by I. A. Storozhev, R. A. Vais, S. I. Eidel'shtein, M. A. Bykova, and E. K. Berezina, 5 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol. XXI, No 1, 1958, pp 67-70.

Consultants Bureau

Sci - Med

Dec 58

77,709

The Interaction of High-Current Pulse Beams With Plasma in a
Magnetic Field, by A. K. Suvorin, G. P. Boronin, 7 pp.
RUSSIAN, per, Atom Energiya, Vol XIV, No 2, 1966, pp 249-253.

CB

Sci
Mar 64

150,970

Polarographic Determination of Dichloroacetaldehyde
in the Products Obtained by Chlorination of
Ethanol, by N. P. Romazanovich, K. G. Berezina,
X pp.

3

RUSSIAN, per, Zavod Lab, Vol XXVII, No 3, 1961,
pp 287 - 289.

ISA

196, 659

Sci

Mar 62

The Effects of Ionizing Radiations on the Peroxidase
Activity in Corn Sprouts After Irradiation Prior to
Planting, by N. M. Berezina, V. A. Yasykova, 6 pp.
RUSSIAN, per, Radiobiol, Vol III, No 2, 1963,
pp 177-180. 9219348

AEC-Tr-5435

Sci
Mar 64

252,662

(NY-6720)

Results of Irradiation of Rubin Radish
Prior to Sowing in the Hotbed, by
N. M. Berezina, G. I. Shchibrya,
and M. L. Romanchikova, 5 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 3,
Moscow, 1961, pp 461-462.

JPRS 12387

Sci
Mar 62

183,608

Relation Between Dose Rate and the Radiobiological
Effect in Plants, by A. M. Kukin, N. M. Berezina,
O. N. Shlykova, 4 pp.

RUSSIAN, per, Biofiz, Vol V, No 5, 1960,
pp 566-569.

PP

Sci

Jun 61

156,350